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TITLE: NETWORK MONITORING SYSTEM

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ABSTRACT:

PURPOSE: To unitarily control communication error information by sending communication error information from a transmission side to a bus type packet communication network by a broadcast communication system when

the communication error information is stored by a predetermined number of times, and receiving and storing the communication error information on a reception side.

CONSTITUTION: Communication control equipments 2-4 send/receive packet signals to one another through the bus type data transmission line 1 and store information on a communication error when the error is detected. When an assigned area in a communication error information memory becomes full, the contents of the communication error information memory are transmitted with the broadcast communication system and then the contents of the communication information memory are restored to its initial state. Here, the communication error information memory is realized through a software by using some area in a data memory 13. The network monitoring functions executing specification switch 19 of a communication controller 5 is on and while packet signals are sent to and received from other communication controllers through the transmission line 1, received error information sent from the respective communication controllers with the broadcast communication system is stored in the memory temporarily and then printed on a printer 6.

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